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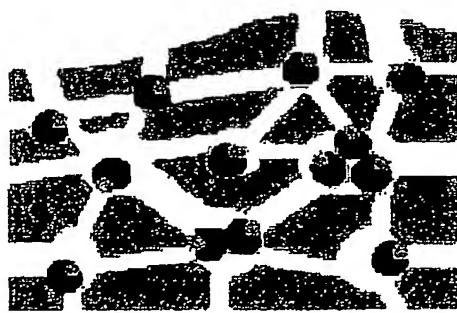
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(54) Title: BIO-CHIP PREPARED BY GELATION ON A CHIP SUBSTRATE

(57) **Abstract:** The present invention provides the biochip prepared by the gelation, the preparation thereof, and the method of using the same. The biochip of the present invention is the biochip, unlike the prior biochip with the biomaterials adhered covalently to the surface of the chip substrate, wherein the biomaterials are contained in the pores of the gel-type of spot and encapsulated by the gel-type of spot, said spot being integrated and immobilized on the chip substrate.



Functional Protein

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